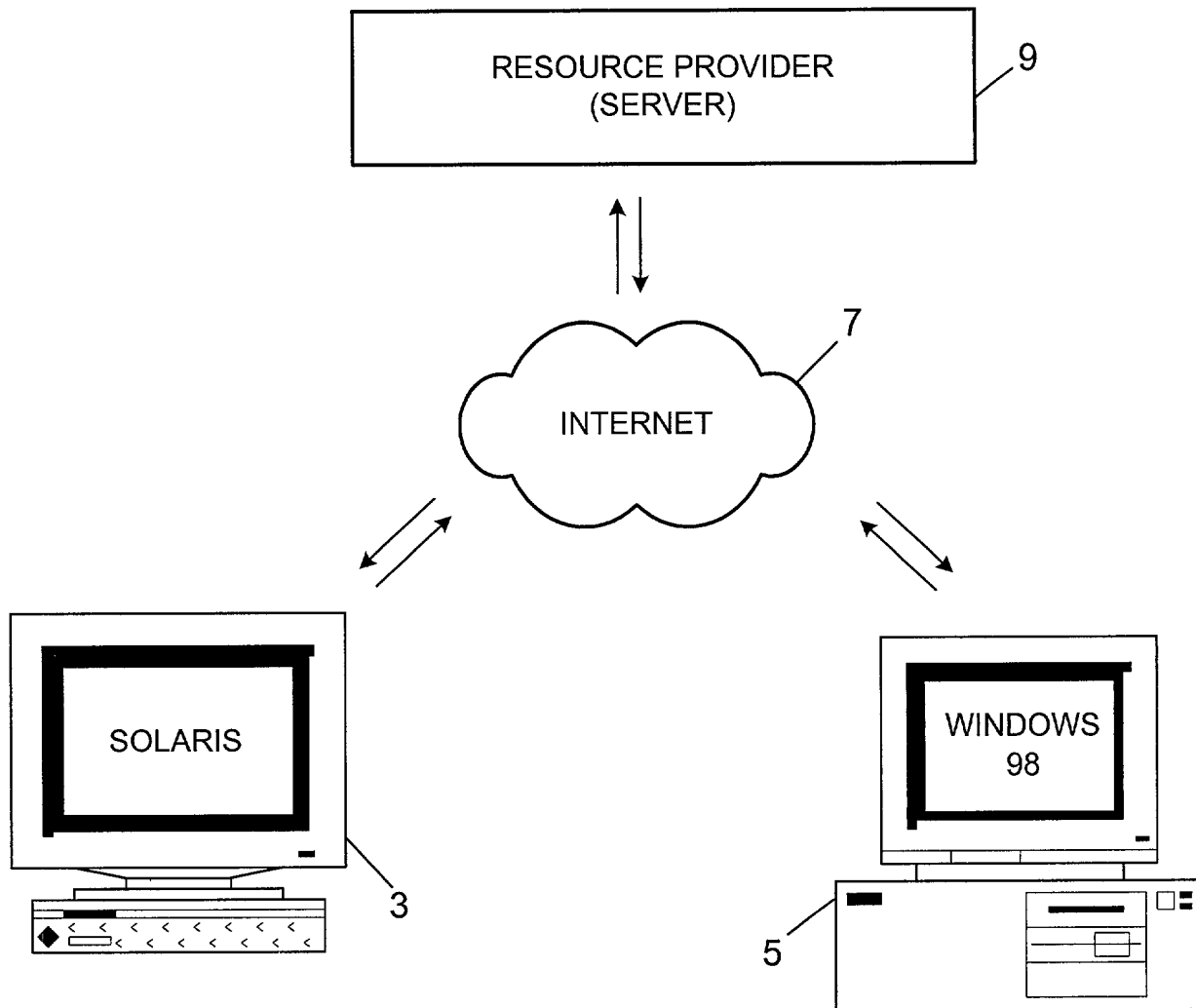
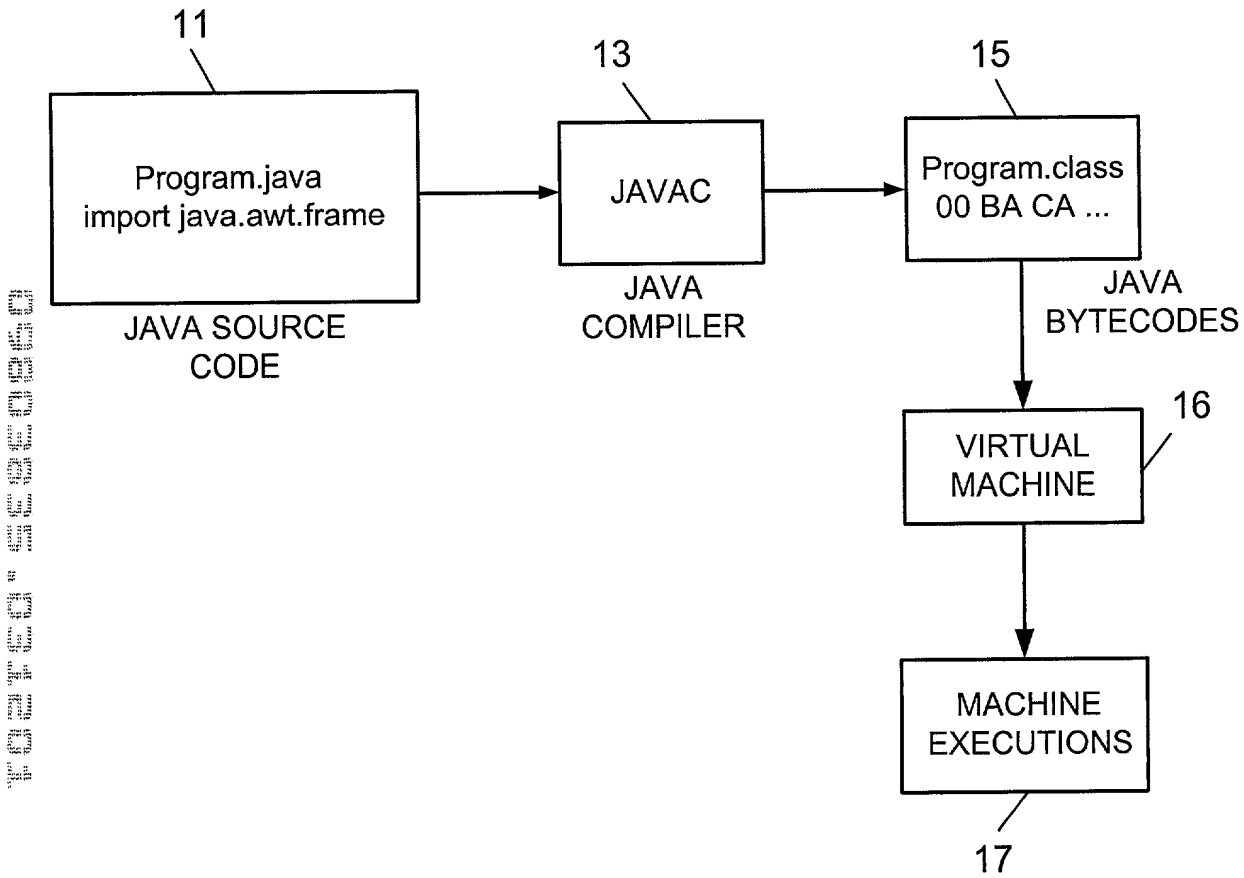


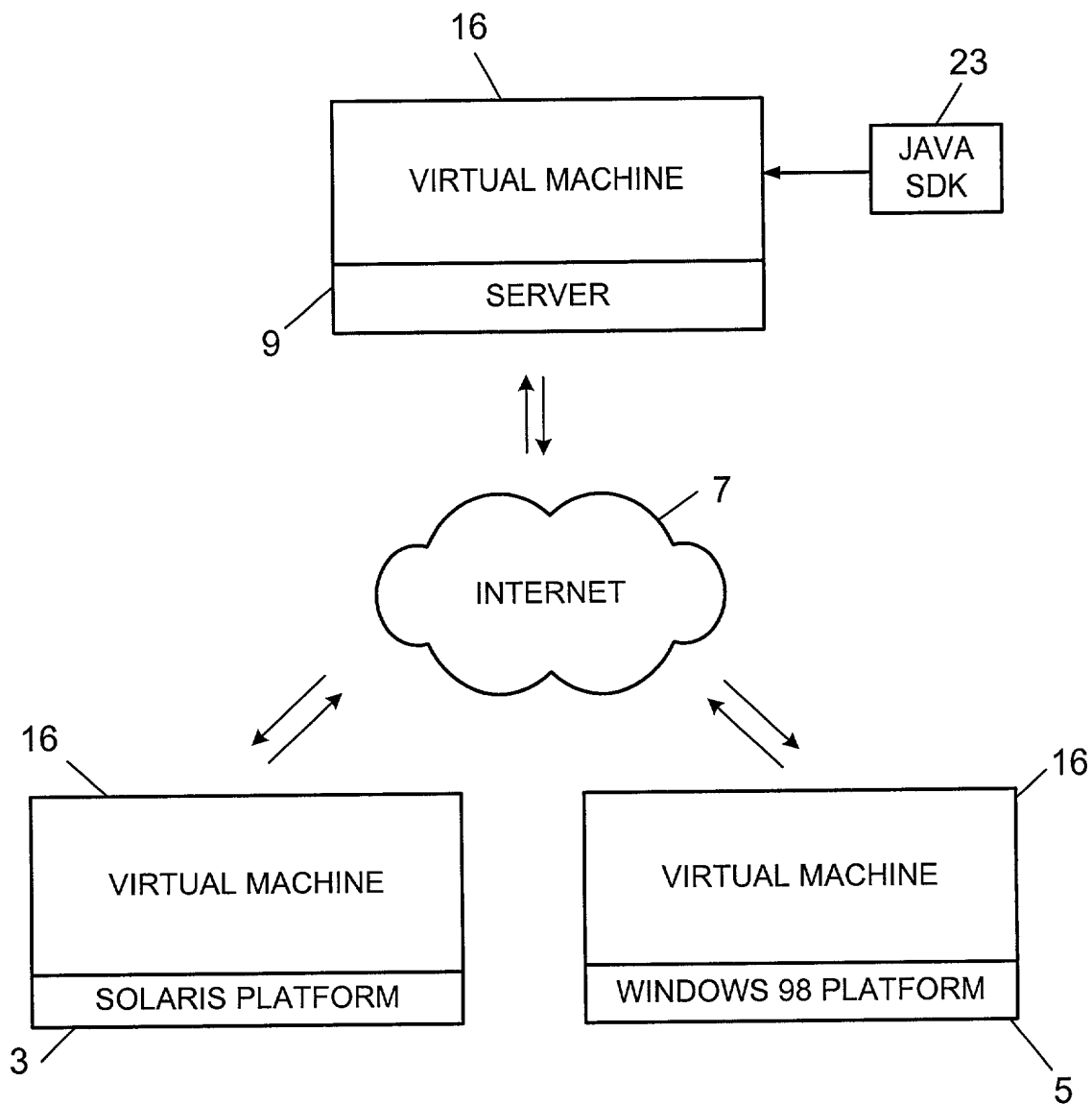
FIG. 1 is a schematic diagram of a network system. The system includes a Resource Provider Server (9) connected to an Internet (7). The Internet (7) is connected to two client computers: a Solaris computer (3) and a Windows 98 computer (5). The Solaris computer (3) is shown with a monitor displaying 'SOLARIS' and a keyboard. The Windows 98 computer (5) is shown with a monitor displaying 'WINDOWS 98' and a system unit. Bidirectional arrows indicate communication between the server and the Internet, and between the Internet and each client computer.



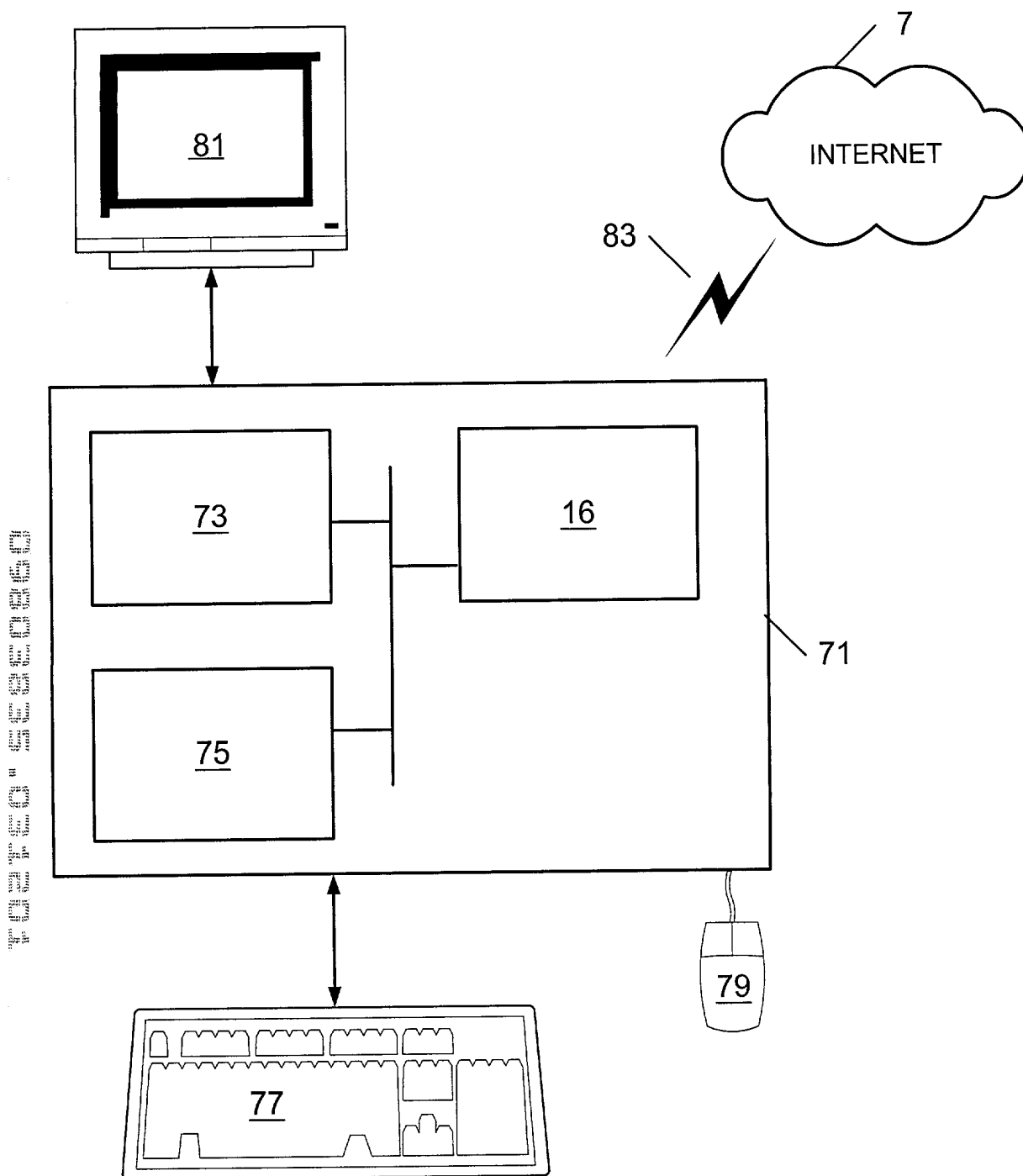
(PRIOR ART)  
FIGURE 1



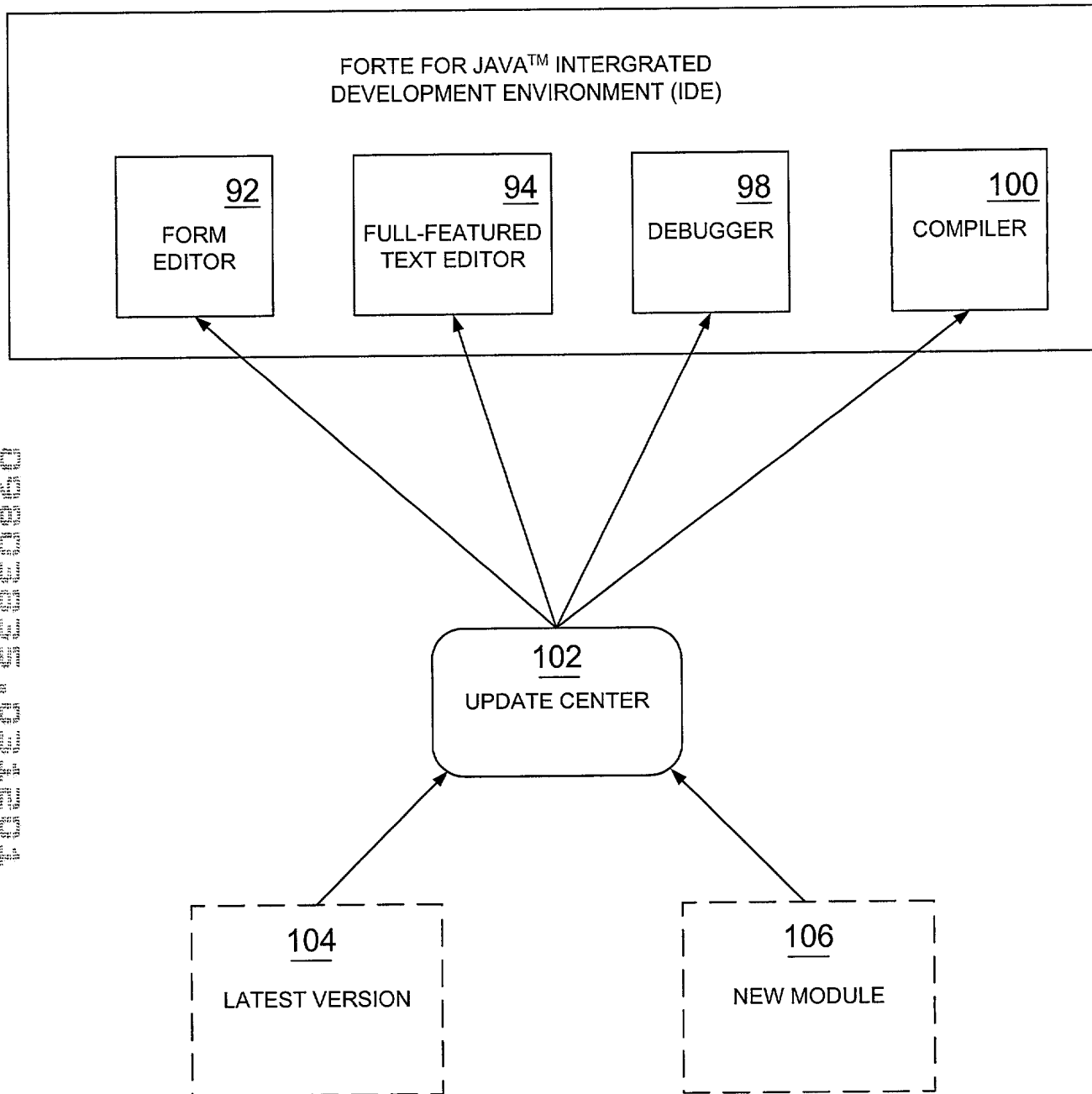
(PRIOR ART)  
FIGURE 2



(PRIOR ART)  
FIGURE 3

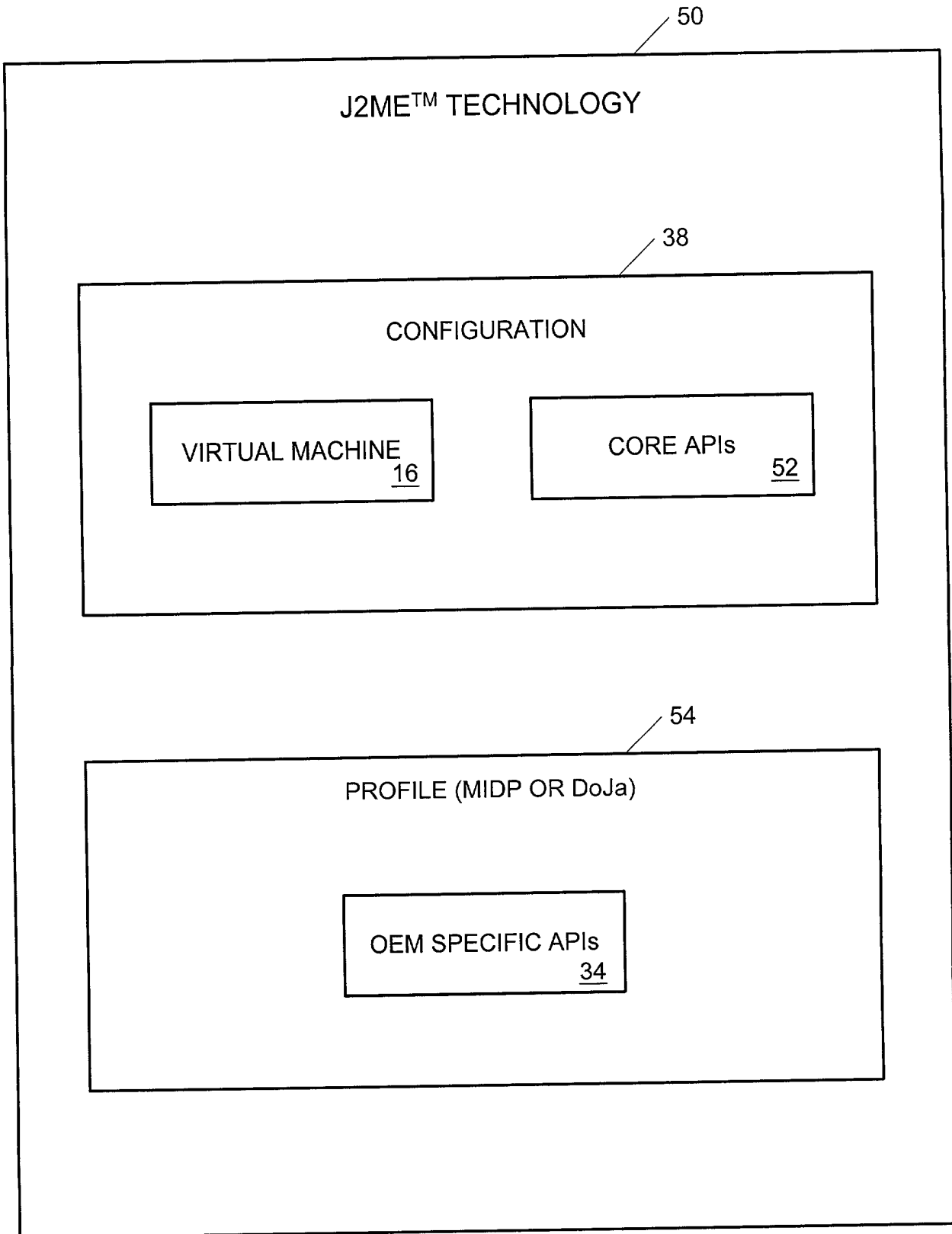


(PRIOR ART)  
FIGURE 4

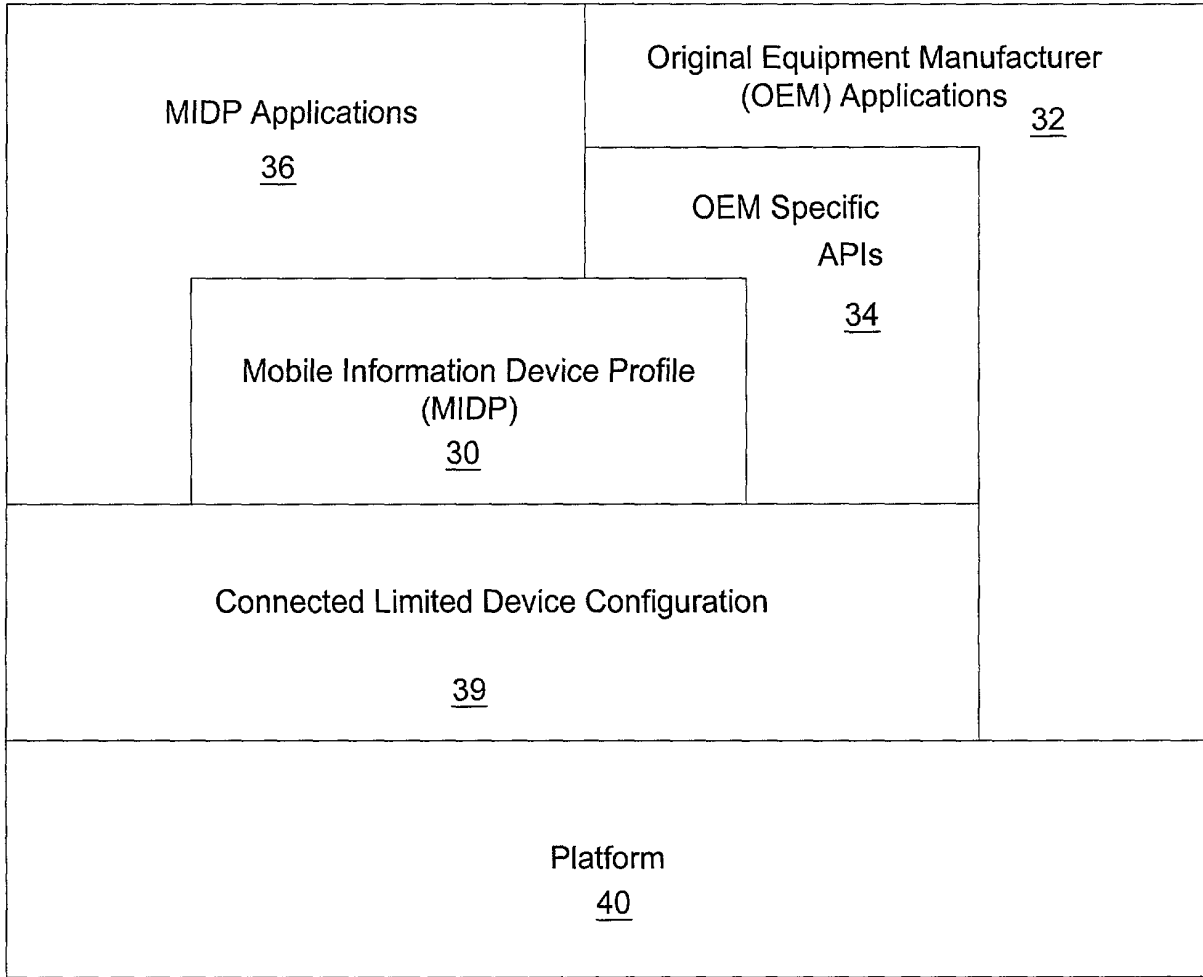


(PRIOR ART)  
FIGURE 5

FIG. 6 is a block diagram of a J2ME™ technology architecture. The architecture is divided into two main sections: a top section labeled "CONFIGURATION" and a bottom section labeled "PROFILE (MIDP OR DoJa)". The "CONFIGURATION" section contains two sub-components: "VIRTUAL MACHINE 16" and "CORE APIs 52". The "PROFILE (MIDP OR DoJa)" section contains one sub-component: "OEM SPECIFIC APIs 34". The entire architecture is enclosed in a box labeled "J2ME™ TECHNOLOGY 50".

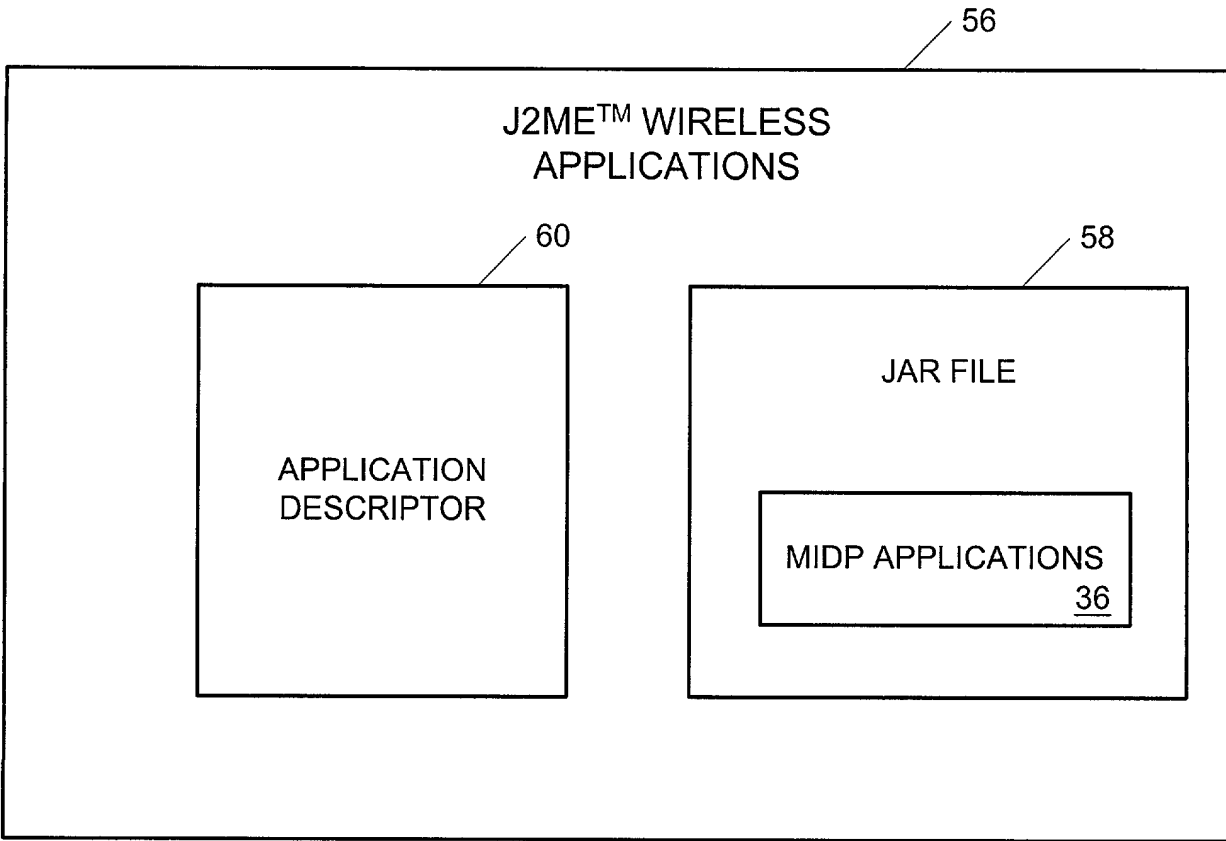


(PRIOR ART)  
FIGURE 6



(PRIOR ART)  
FIGURE 7

FIG. 8 is a block diagram of a J2ME™ WIRELESS APPLICATIONS environment. The environment includes an APPLICATION DESCRIPTOR (60) and a JAR FILE (58). The JAR FILE (58) contains MIDP APPLICATIONS (36).



(PRIOR ART)  
FIGURE 8



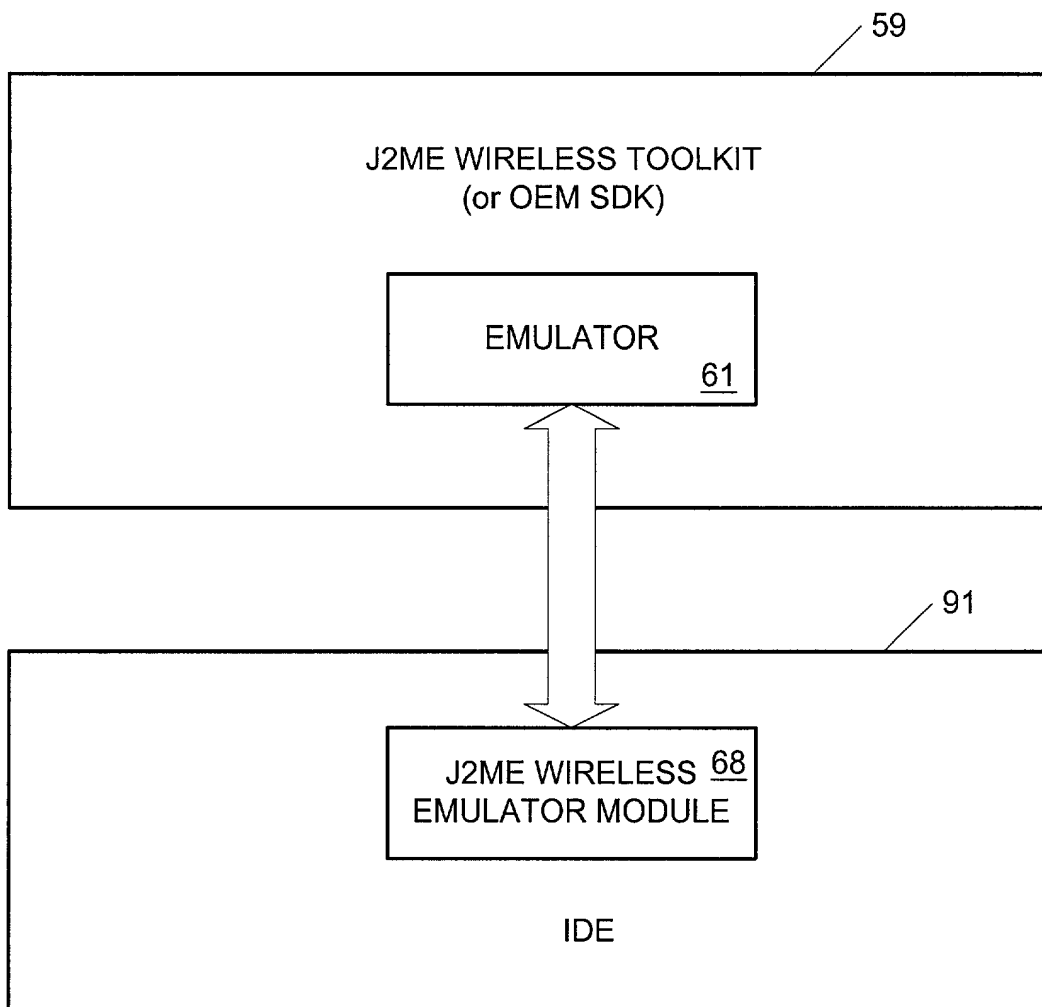


FIGURE 9

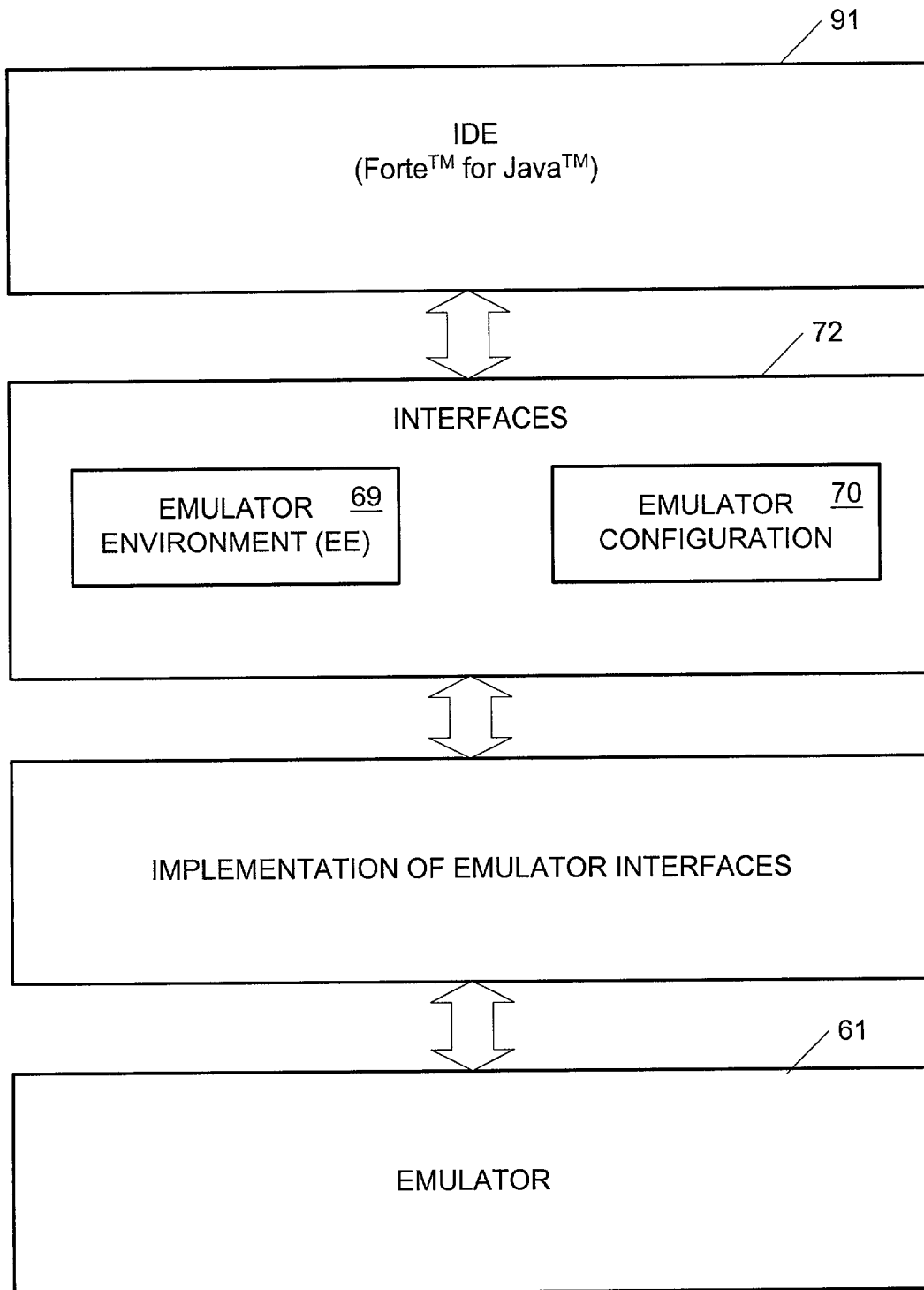
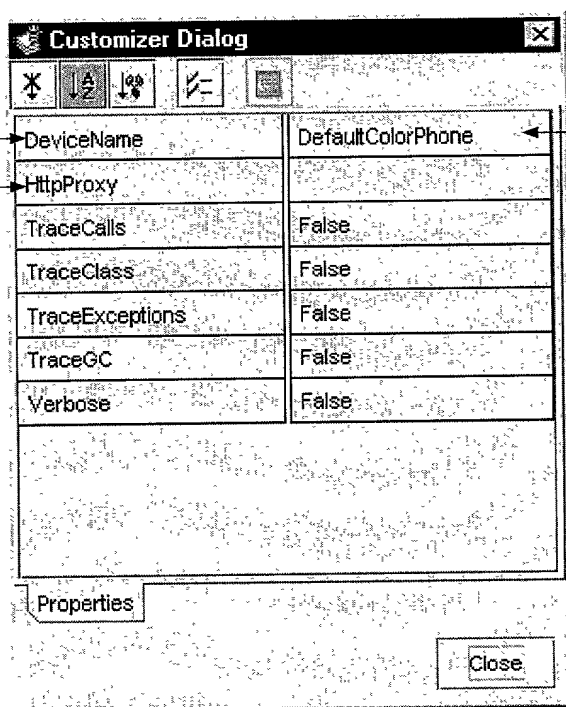


FIGURE 10



95  
96

97

FIGURE 11



FIGURE 12

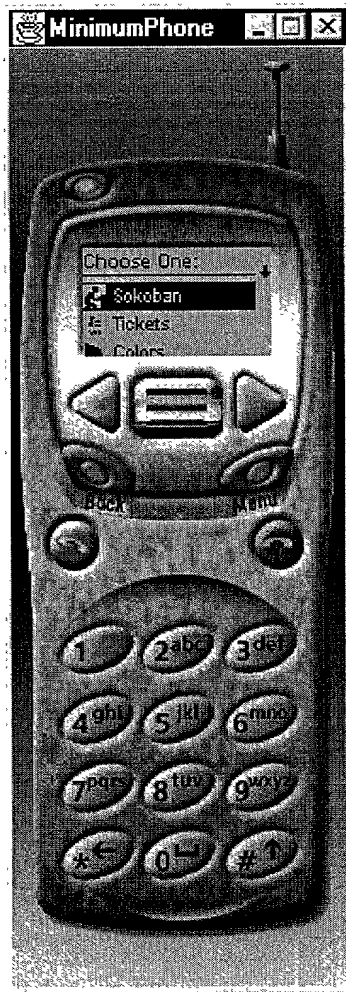


FIGURE 13

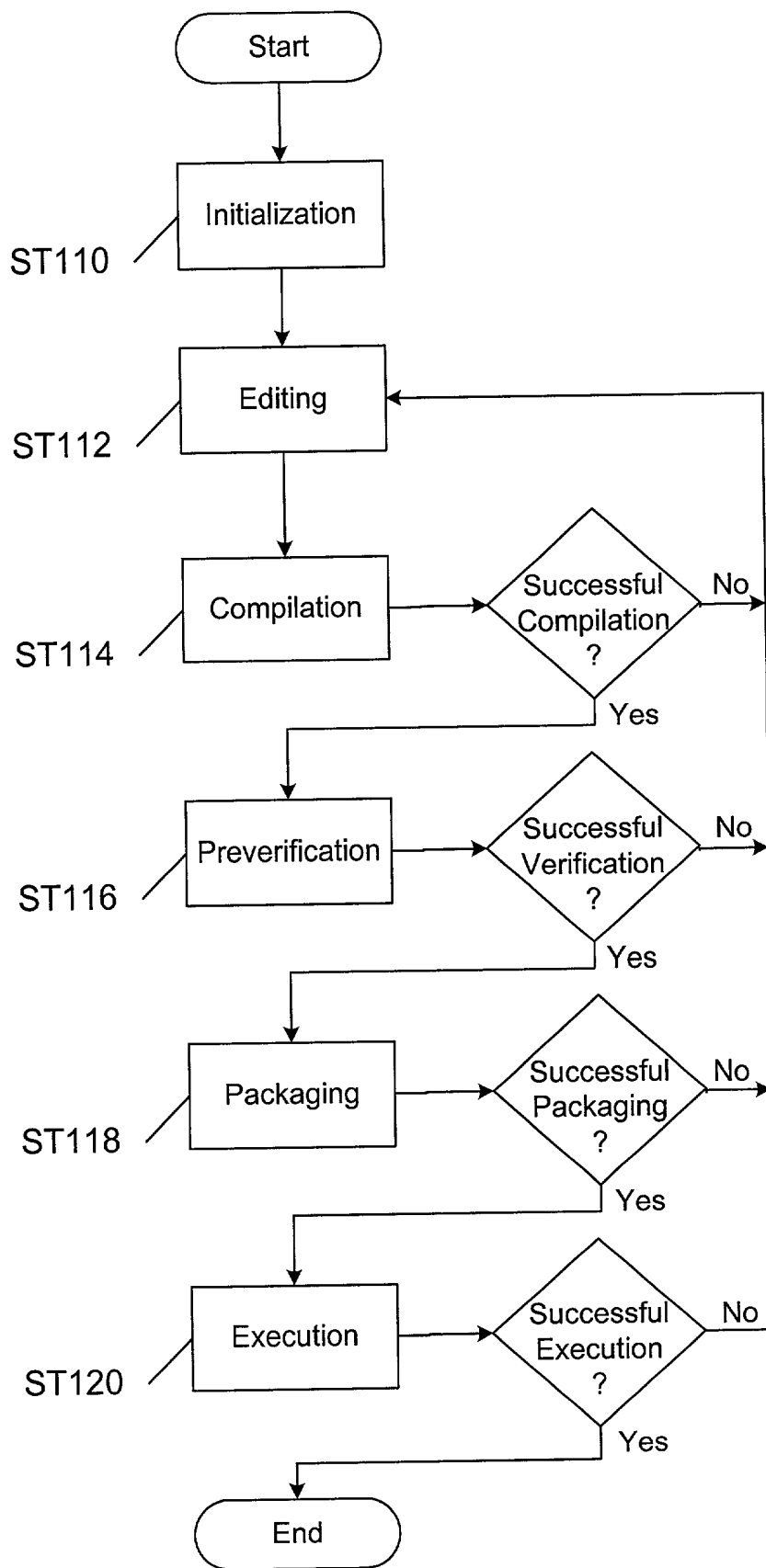


FIGURE 14

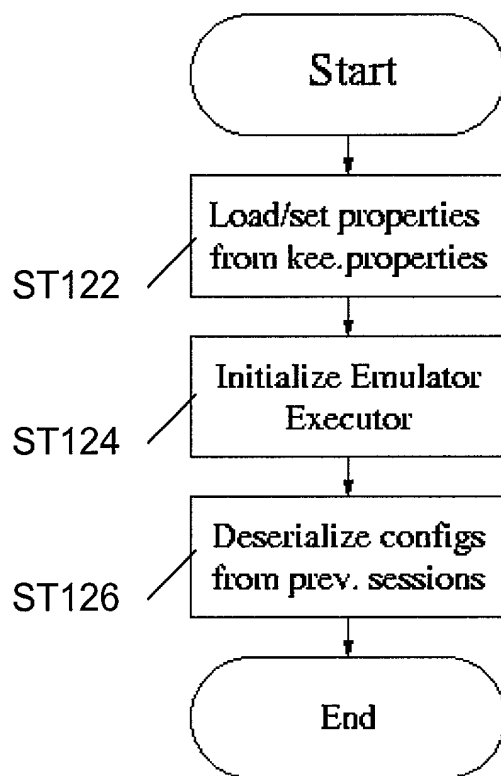


FIGURE 15

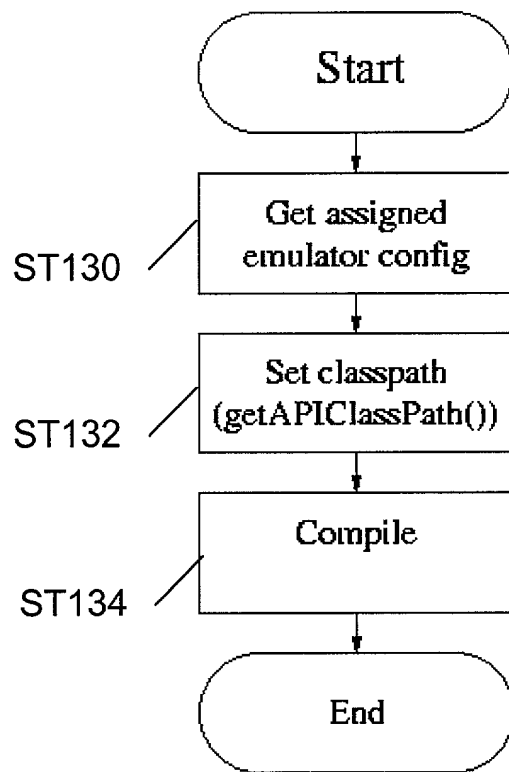


FIGURE 16



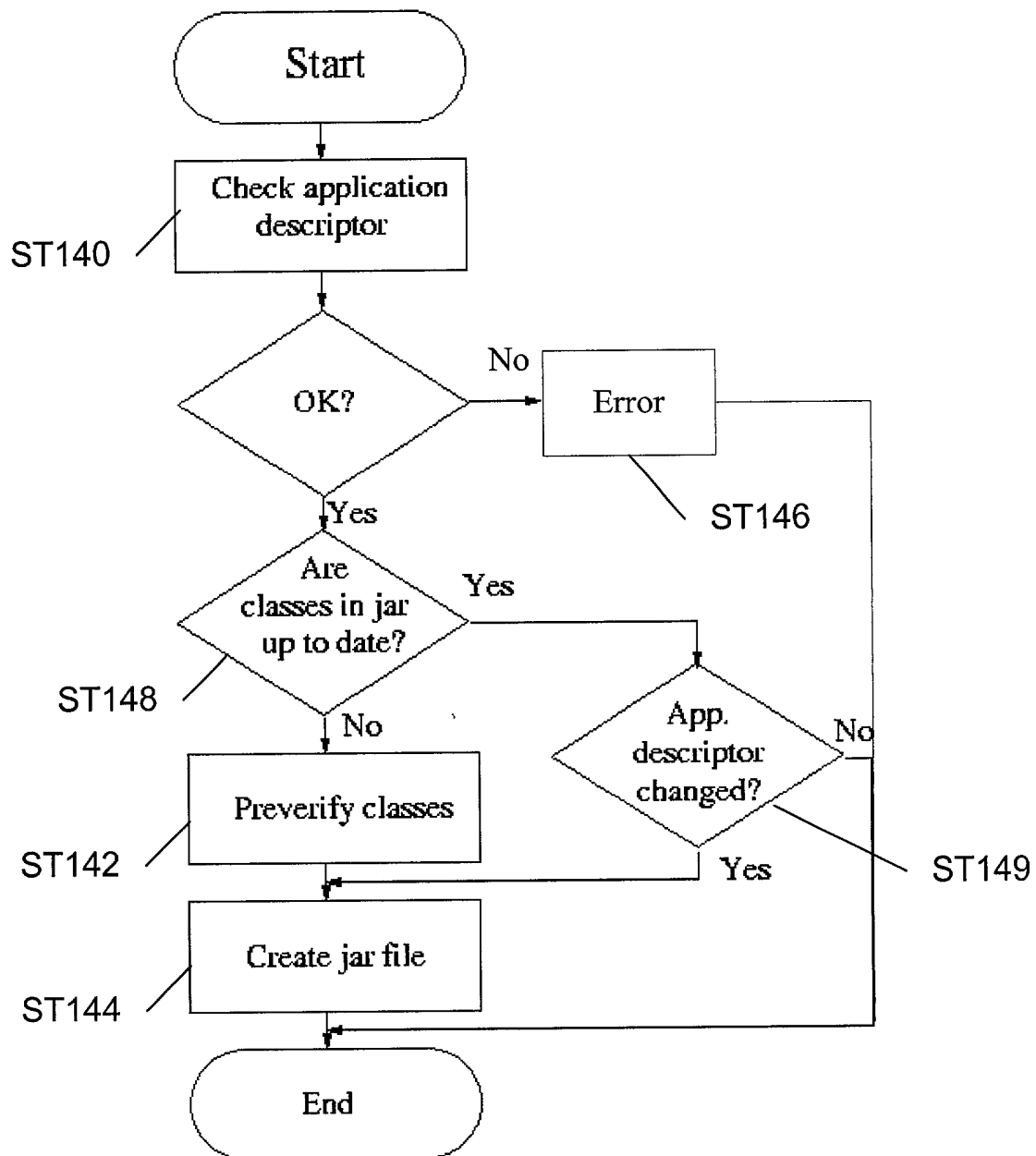


FIGURE 17

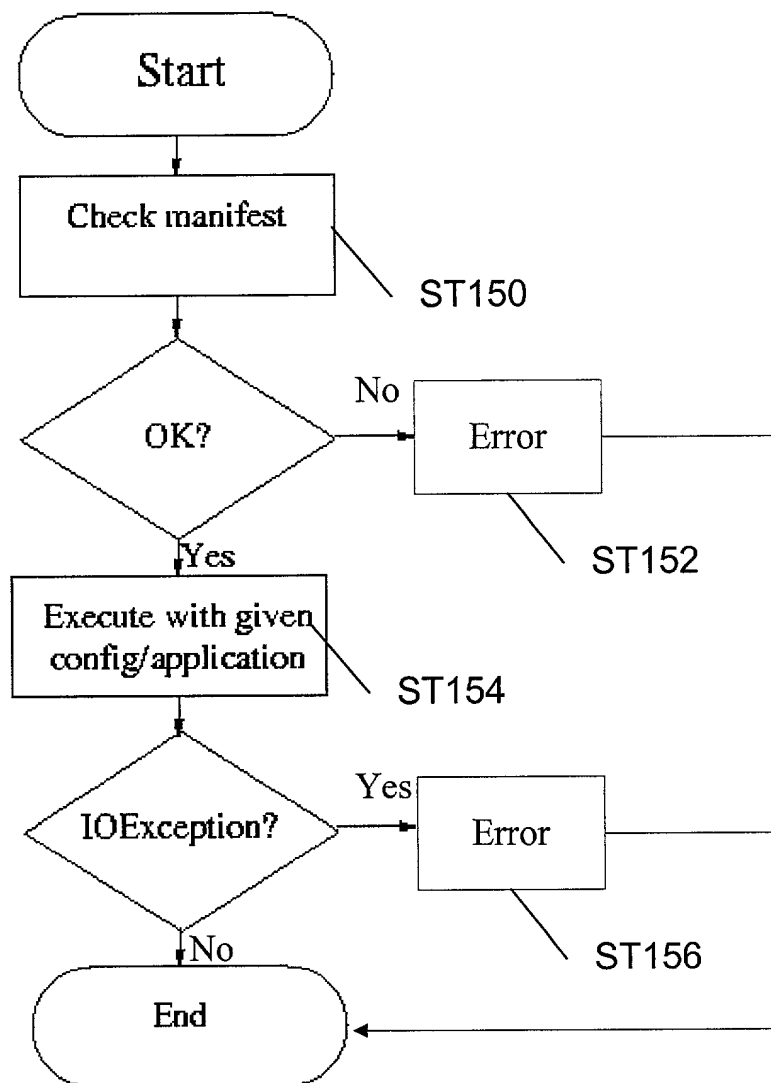


FIGURE 18

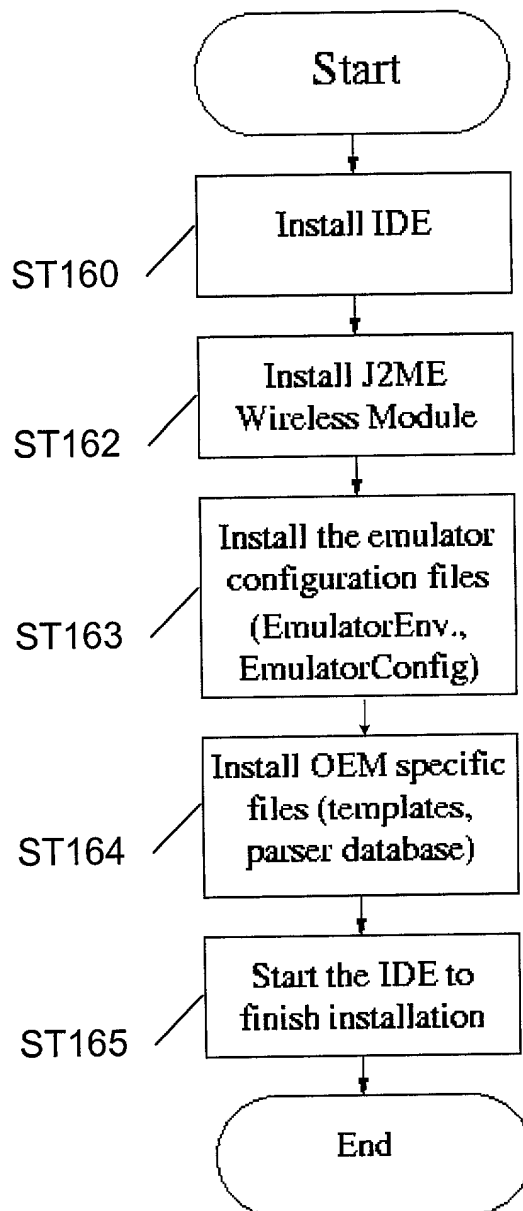


FIGURE 19

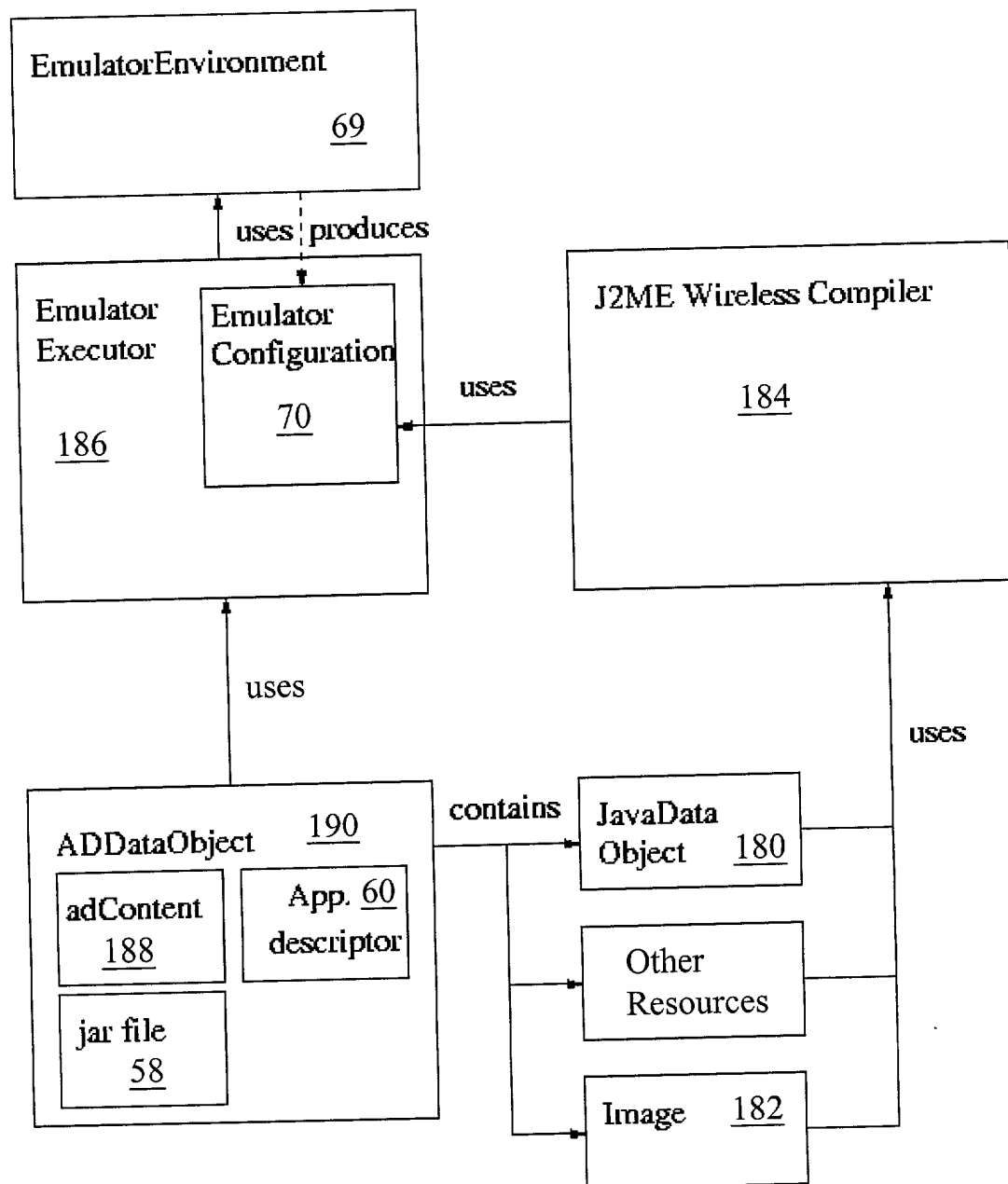


FIGURE 20